



**RussTech Inc.**

“We Add The Difference”

# MATERIAL SAFETY DATA SHEET

**RussTech, Inc.**  
**11208 Decimal Drive**  
**Louisville, Kentucky 40299**  
**502-267-7700**

**24 Hour Emergency Contact**  
**CHEMTREC 800-424-9300**

## Section I - PRODUCT IDENTITY: *RussSolve 100*

CAS# 64742-95-6

Common Name: Aromatic 100

## Section II - HAZARDOUS INGREDIENTS:

Material:	CAS#	TLV	STEL	PEL	CONTENT
Aromatic 100 Solvent	64742-95-6	50 ppm	None	None	100%

## Section III - PHYSICAL CHARACTERISTICS:

N/Av = Not Available N/Ap = Not Applicable ca. = Approximate

Boiling Point F° (°C): 313 (156)

VOC (w/w): 100%

Specific Gravity: 0.948

Vapor Density (Air = 1): 4.3

Evaporation Rate (Butylacetate =1): 0.30

Vapor Pressure: 2.7 mm Hg @ 20°C

Solubility in Water: Insoluble

Appearance: Clear, Colorless Liquid

Odor: Aromatic

## Section IV - FIRE AND EXPLOSION HAZARD DATA:

HMIS Hazard Rating: 2 (Severe)

Flash Point F° (°C): 111 (44)

Auto-Ignition Temperature F° (°C):

Limits of Flammability:

Special Fire & Unusual Hazards: Material can accumulate static charge which can cause an incendiary electrical discharge. Vapors may travel along ground or through ventilation systems to an ignition source and flashback.

Extinguishing Media: Use carbon dioxide or dry chemical. Water may be used to cool burning containers.

Method: ASTM D 56, Tag Closed Cup

869 (465)

LEL: 1.0 UEL: 7.0

## Section V - REACTIVITY DATA:

HMIS Hazard Rating:

Stability:

Incompatibility:

Hazardous Polymerization:

Hazardous Decomposition Products: (After water has evaporated.) Carbon Monoxide and/or Carbon Dioxide

0 (Minimal)

Stable.

Strong oxidants (explosion hazard)

Will not occur.

## Section VI - HEALTH HAZARD DATA:

HMIS Hazard Rating:

PRIMARY ROUTE OF ENTRY:

2 (Severe)

Dermal, Eyes, Inhalation

### **Effects of Overexposure**

Inhalation: Excessive inhalation of vapors may cause upper respiratory irritation, dizziness, fatigue, nausea, headaches, unconsciousness and even coma.

Eyes: May cause severe irritation with reddening, tearing and blurred vision.

Skin Contact: Prolonged or repeated skin contact tends to remove skin oils possibly leading to irritation and dermatitis.

**Section VI - HEALTH HAZARD DATA(CONTINUED):****Effects of Overexposure**

Skin Absorption: Prolonged or repeated contact may cause moderate irritation and defatting dermatitis.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration into the lungs can cause chemical pneumonitis, which can be fatal.

Chronic: Product does not contain carcinogenic materials as defined by 29 CFR 1910.1200.

**Section VII - FIRST AID:**

Inhalation: Remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration. Seek medical attention.

Eyes: Flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.

Skin: Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.

Ingestion: Contact physician or call Poison Control Center immediately. Do **NOT** give anything by mouth to an unconscious person.

**Section VIII - SPECIAL PROTECTION INFORMATION:**

Ventilation: Sufficient to prevent exceeding recommended exposure limits or the build up of explosive vapors.

Personal Protection Equipment: Use chemical goggles/safety glasses with side shields and Rubber/Latex gloves. Selection of specific items such as boots and apron will depend on operation.

**Section IX - ENVIRONMENTAL & DISPOSAL INFORMATION:**

Action to Take for Spills/Leaks: Wear appropriate protective equipment. Take action to eliminate source of leak; contain spill by diking; vacuum up liquid or use absorbent media; remove to storage for disposal and rinse residual stain with water.

Waste Disposal Method: Dispose in accordance with local, provincial, state and federal regulations

**Section X - REGULATORY INFORMATION:**

Title III Section 302: No reportable chemicals.

Title III Section 311/312: Health hazard: Chronic Physical hazard: Fire

Title III Section 313: cumene 1.5%; xylene 3.0%; 1,2,4-trimethyl benzene 32%

TSCA: All components of this product are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

State: California: No reportable chemicals

**Section XI - TRANSPORTATION INFORMATION:**

Shipping Name: NOT REGULATED

Emergency Response Guide Page No.: NOT REGULATED

DOT Reportable Quantity: NO REPORTABLE CHEMICALS

Marine Pollutant: WS – This product may be classified as an oil under Section 311 of the Clean Water Act, and under the Oil Pollution Act. Discharges or spills into or leading to surface waters that cause a sheen must be reported immediately to the National Response Center at 1-800-424-8802.

P = Moderate PP = Severe WS = Water Sheen NL = Not Listed ND = Not Determined

**Section XII – EMPTY CONTAINER INFORMATION:**

Empty containers of this material may be hazardous as they may contain residue (vapors, liquids or solids).

Empty containers should be treated in the same manner as full containers. Keep empty containers away from ignition and heat sources. Keep containers closed to prevent vapor travel.

**Section XIII - ADDITIONAL INFORMATION:**

Average Shelf Life: 18 months

This information is furnished without warranty, representation, or license of any kind, except that this information is accurate to the best of RussTech's knowledge, or is obtained from sources believed by RussTech to be accurate. No warranty is expressed or implied regarding the accuracy of this information or the results to be obtained from its use thereof. RussTech assumes no responsibility for injuries proximately caused by use of the Material if reasonable safety procedures are not followed as stipulated in this Data Sheet. Additionally, RussTech assumes no responsibility for injuries proximately caused by abnormal use of the Material even if reasonable safety procedures are followed. Buyer assumes the risk in its use of the Material.

**Date Prepared: January 1, 2003**

**Prepared by: Department of Environmental, Health and Safety**